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TITLE: Electric DC machine with laminated stator frame

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INVENTOR-INFORMATION:

NAME

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ABSTRACT:

The DC machine has a stator body made up of sheet metal laminations.

The outer

circumference of the stator body is pressed together by press rings and is

arranged in a housing (3). The stator body has a stator yoke (4) with main

poles (5), optionally provided with grooves, and change poles (6) on the inner

circumference. The poles (5,7) carry main pole coils (7) or change pole coils

(8) respectively. The main poles (5) of the stator yoke (4) and/or adjacent

main poles (5) are mechanically decoupled from each other. The stator sheets preferably have slits or cut-outs. These partly interrupt the direct connection between the stator yoke (4) and the main pole (5) and/or between adjacent main poles (5).